

## Regulatory Protein for Nox Enzymes

### ABSTRACT OF THE INVENTION

5                   The present invention relates to nucleotides encoding for  
the production of novel regulatory proteins for Nox enzymes involved  
in generation of reactive oxygen intermediates that affect cell division.  
The present invention also provides vectors containing these  
nucleotides, cells transfected with these vectors, antibodies raised  
10               against these novel proteins, kits for detection, localization and  
measurement of these nucleotides and proteins, and methods to  
determine the activity of drugs to affect the biological activity of the  
regulatory proteins of the present invention.

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Attorney Docket No.: 05501-0202 (43150-287577)